M. A. R. 57 (Rule 116)
Measurement Book

No. B 209090

Serial No. ...1st and final Bill

Name of Work Improvements to Roads and footpath maintenance in ward No:17 (KHP)

Name of Contractor of nature of Agency .....Sri. Deepak. B. Jalhalli B'lore-14.....

Date of commencement of work .....D.N.R: 27-10-2020.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost: 80.00 lakhs Job code No: 011-20-00111 Head of A/C: P-3496 Work Ord No: BBMP/EE/BTP/WO/181/2020-21 Dt: 15/09/2020						
	1) Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 50mtr and an average lift upto 0.5mts excavated surface levelled and sides neatly etc.—						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity as per Premeasurement Revised vide P.NO..209086 to 87 of this MB				= 81.90 cum		
					@ Rs:210.00/cum = 17815.00/-		
Item NO 8)	Removing and refixing stone slabs of drains and pitching in cm (1:3) etc---						
	Qty as per Premeasurement Revised vide P.NO--209087/1 to 88 of this MB				= 326.05 sqm		
					@ Rs:93.149/sqm = 30669.00		

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of w

Date	Full description, e
1	2
3)	Providing gran of 7.5cms Sai Garden's

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209091

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3) Providing granite slabs of selected quality roughly dressed having a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing using the-						
	Sai Garden 1st Cross N/S	1	5.00		1.35	6.75	
	1st Cross S/S	1	3.00		1.35	4.05	
	2nd Cls N/S	1	5.00		1.35	6.75	
	2nd Cls S/S	1	3.00		1.35	4.05	
	3rd Cls N/S	1	2.00		1.35	2.70	
	3rd Cls S/S	1	8.00		1.35	10.80	
	3rd Cls N/S Sive Road S/S	1	8.00		1.35	5.40	

C4R

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sai Garam 3rd cls M/S	1	4.00		1.35	5.40	
		1	5.00		1.35	6.75	
	3rd cls SIS	1	7.00		1.35	9.45	
		1	5.00		1.35	6.75	
		1	2.50		1.35	3.38	
				Total Qty =		77.63 Sqm	
		Limited to Hour Qty =				76.95 Sqm	
		@ Rs: 623.25/				Sqm =	47961.00

27-10-2020

Serial No. .....
Name of Work .....
Name of Contractor
Date of commencem

Date	Full desc
1	
4)	Providing ope ce cc qty
	qty
5)	Provid mason

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209092

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 150 kgs. with 40mm and down size graded granite metal coarse aggregates etc — complty as per premeasurement of this MB 2					Reference to p.no 209089/1 = 1.60 cum @ 4542.50/cum = 7359.00/-	
	5) Providing and constructing granite/trap/basalt size stone masonry in basement with cement mortar 1:6 except for stones						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Chisle dressed in courses not less than 15cm high etc — As per Premeasurement Rewised vide P.WD. 209089/1 of this MB				= 6.48 cum @ Rs: 14882.06/cum = 96360.00		
Item WDB)	Providing ruled Pointing 20mm deep to coursed Stone masonry with cement mortar 1:3 20mm deep. after raking joints to depth of 20mm nicely lining, including cost of materials etc — for Culverts	2	6.00		0.90	10.80 Sqm @ Rs: 1264.44/Sqm = 13660.00	
	29.10.2020						

Assistant Executive Engineer
Vidyaranyapura Sub Division

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc,
1	2
7)	Providing a rol blocks of Siz 1800 kg/m3 and Raising of Sai Gaarus, 1st 1st cls and cls and cls 3rd cls

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209093

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	Providing and constructing load bearing wall with solid concrete blocks of size 400 x 150 x 200mm having block density not less than 1800 kg/m3 and having a minimum eff-						
	Raising of drain						
	Sai Garden 1st cross N/S	2	15.00		0.40	12.00	
	1st C/S S/S	2	15.00		0.40	12.00	
		2	11.00		0.40	8.80	
	2nd C/S N/S	2	17.80		0.40	14.24	
	2nd C/S S/S	2	9.10		0.40	7.28	
	3rd C/S N/S	2	7.00		0.40	5.60	
		2	20.00		0.40	16.00	

CARE

Assistant Executive Engineer
Vidyaranyapura Sub Divisio
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sai Garden 3rd Cross S/S	2	12.00		0.40	9.60	
		2	10.00		0.40	8.00	
		2	9.00		0.40	7.20	
	Sai Garden 3rd Cross W/S Store Road S/S	2	19.00		0.40	15.20	
		2	9.60		0.40	7.64	
	Sai Garden 3rd Cross N/S	2	19.00		0.40	15.36	
		2	9.20		0.40	7.36	
		2	11.00		0.40	8.80	
	3rd Cross S/S	2	8.30		0.40	6.64	
		2	11.20		0.40	8.96	
		2	15.00		0.40	12.00	
		2	11.40		0.40	9.12	

Serial No. .....
Name of Work .....
Name of Contractor of ne
Date of commencement

Date	Full descriptio
1	2
	main Road
	4th C. Cross
	8th C main

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209094

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	main Road ⊆ LS	2	12.00		0.40	9.60	
		2	22.00		0.40	17.60	
		2	30.00		0.40	24.00	
		2	21.00		0.40	16.80	
		2	30.00		0.40	24.00	
		2	21.30		0.40	17.04	
		2	20.00		0.40	16.00	
	4th C cross RLS	2	30.00		0.40	24.00	
	8th C main LLS	2	30.00		0.40	24.00	
		2	10.50		0.40	8.40	

CFC Memo

Assistant Executive Engineer
Yelahanka Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	SD main LIS	2	30.00		0.40	24.00	
		2	5.00		0.40	4.16	
			Total	Only	=	401.60 Sqm	
						400.00 Sqm	
	Limited to Tender Qty =					@ Rs. 888.73/Sqm	
						03-11-2020	
Item no. 8)	Providing and laying in position plain cement concrete of mix 1:8:16 with cement & hotty with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and etc —						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of natu
Date of commencement of

Date	Full description,
1	2
	Sai Gardens
	1st
	3rd cross
	Sai Gardens 3rd
	3rd cross
	3rd cross
	Sai Gardens 3rd
	Store Road

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209095

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sai Gardens 1st cross N/S	2	15.00	0.30	0.10	0.60	
	1st cross S/S	2	15.00	0.30	0.10	0.60	
	2nd cross N/S	2	11.00	0.30	0.10	0.44	
		2	17.50	0.30	0.10	0.71	
		2	9.10	0.30	0.10	0.36	
	Sai Gardens 2nd cross S/S	2	7.00	0.30	0.10	0.28	
	3rd cross N/S	2	20.00	0.30	0.10	0.80	
	3rd cross S/S	2	12.00	0.30	0.10	0.45	
		2	10.00	0.30	0.10	0.40	
	Sai Gardens 3rd cross N/S	2	9.00	0.30	0.10	0.36	
	Stone Road S/S	2	19.00	0.30	0.10	0.76	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sai Garden 3rd cross N/S	2	9.80	0.40	0.10	0.39	
		2	19.40	0.40	0.10	0.77	
		2	9.40	0.40	0.10	0.37	
		2	11.00	0.40	0.10	0.44	
	Sai Garden 3rd cross S/S	2	8.30	0.40	0.10	0.33	
		2	11.40	0.40	0.10	0.45	
		2	15.00	0.40	0.10	0.60	
		2	11.40	0.40	0.10	0.46	
	main Road E/S	2	12.00	0.40	0.10	0.48	
		2	22.00	0.40	0.10	0.88	
		2	50.00	0.40	0.10	1.40	
		2	21.00	0.40	0.10	0.84	
		2	30.00	0.40	0.10	1.40	

Serial No. .....
Name of Work .....
Name of Contractor of na
Date of commencement

Date	Full description
1	2
	4th C cross
	8th C main
	8th D main
	Current co
	Ramp

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209096

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	21.30	0.20	0.10	0.85	
		2	10.00	0.20	0.10	0.60	
	4m C cross RIS	2	30.00	0.20	0.10	1.20	
	8m C main RIS	2	50.00	0.20	0.10	1.20	
		2	10.50	0.20	0.10	0.42	
	8m D main RIS	2	30.00	0.20	0.10	1.20	
		2	5.20	0.20	0.10	0.21	
	Current coupling	1	6.00	1.50	0.10	0.90	
	Ramp	2	6.00	1.00	0.15	1.80	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Total qty		=22.28 cum	
				Deduct for 10 thick slab qty		=2.78 cum	
				@ Rs: 4847.75/cum		= 10959.07	
						07-11-2020	
Item no.9)	Providing Precast slabs of 100 mm thick including cost of all Materials, labour, curing, transportation, loading unloading etc..						
	Drain slabs:						
	Sai Garam 1st cr N/S	1	15.00	0.90		13.50	
	Sai Garam 1st cr S/S	1	15.00	0.90		13.50	
		1	11.00	0.90		9.90	
	Sai Garam 2nd cr S/S	1	17.80	0.90		16.02	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of w

Date	Full description, et
1	2
	Sai Garam 2nd
	5th cro
	Sai Garam 5th
	5th cross N/S
	5th cross

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209097

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	9.10	0.90		8.19	
	Sai Gopaun 8th CT S/S	1	7.00	0.90		6.30	
	3rd cross M/S	1	20.00	0.90		18.00	
		1	12.00	0.90		10.80	
	Sai Gopaun 3rd cross S/S	1	10.00	0.90		9.00	
	3rd cross M/S Sai Gopaun S/S	1	9.00	0.90		8.10	
		1	19.00	0.90		17.10	
	3rd cross M/S	1	9.80	0.90		8.82	
		1	19.20	0.90		17.28	
		1	9.20	0.90		8.28	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sai Saran 3rd cross S1S	1	11.00	0.90		9.90	
		1	8.30	0.90		7.47	
		1	11.00	0.90		10.05	
		1	15.00	0.90		13.50	
		1	11.40	0.90		10.26	
	main Road E1S	1	12.00	0.90		10.80	
		1	22.00	0.90		19.80	
		1	30.00	0.90		27.00	
		1	21.00	0.90		18.90	
		1	50.00	0.90		22.00	
		1	21.30	0.90		19.17	
		1	20.00	0.90		18.00	

Serial No. .....
Name of Work .....
Name of Contractor of natu
Date of commencement of

Date	Full description,
1	2
	4M C CROSS R
	8M C main L1
	8M D main L

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209098

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1M C CROSS RD	1	30.00	0.40		12.00	
	8M CMain LD	1	30.00	0.90		27.00	
		1	10.50	0.90		9.45	
	8M D main LD	1	30.00	0.90		27.00	
		1	5.20	0.90		4.68	
				Total area =		451.80 Sqm	
				Finished RD trench area =		450.00 Sqm	
				@ Rs :		1963.08/ Sqm	
						= 883356.00/-	
						13.11.2020	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BSMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No. 10)	providing precast slab of 10 mm thick including cost of all materials labour, curing, transportation, loading unloading etc --						
	culvert slab	1	6.00	0.15		9.00 sqm	
					@ 455.12/sqm	= 40960.00/-	
					Total Amount	= 14,99,834.00	
					GST 18%	= 1,79,908.00	
					Grand total	= 16,79,142.00/-	

13.11.2020

Assistant Executive Engineer
Channapura Sub Division
Bangalore-97

Serial No. .....
Name of Work .....
Name of Contractor of n
Date of commencement

Date	Full descriptio
1	2
	Certificat
	1) Certificat
	2) Time S

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209099

Serial No. .....

Name of Work ..... From..... To.....

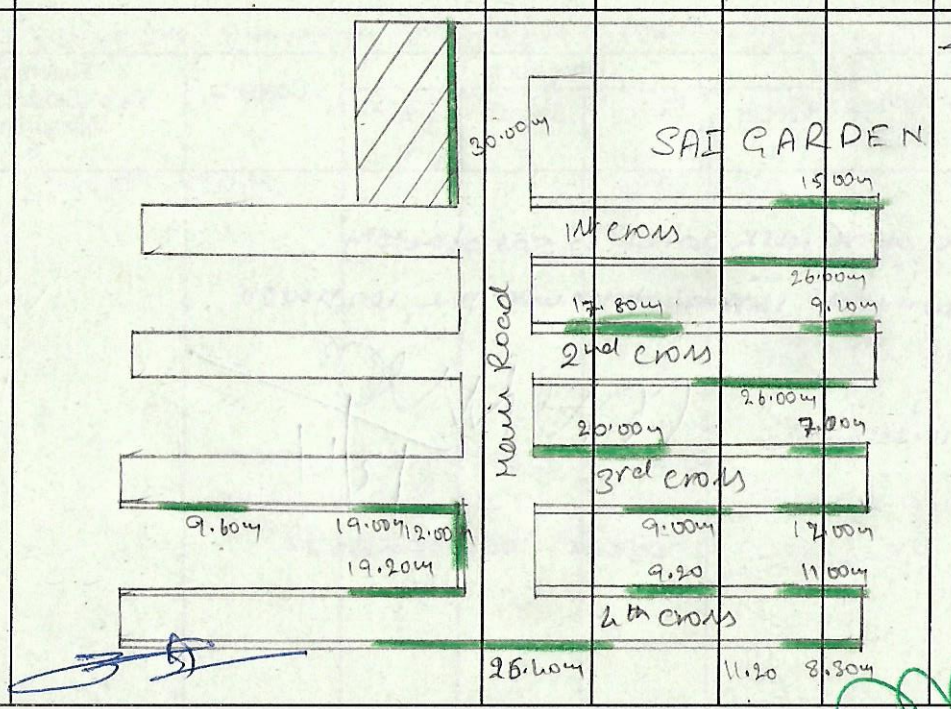
Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: 1) Certified that the above work done is satisfactory 2) there is no unpatented issued towards the work 13-11-2020 Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer
Vidyaranyapura Sub Divisio

Serial No. .....
Name of Work .....
Name of Contractor
Date of commencem

Date	Full descr
1	